

## Abstract

A method is described for construction of an angle signal (9) from the sensor signal (7) of a rotation angle sensor (2) which has a periodic characteristic curve (5) featuring a plurality of segments (S) between which characteristic curve jumps (8) occur. To reconstruct the angle signal (9), positive and negative signal jumps (a-d) of the sensor signal (7) are determined, and when a positive or negative signal jump (a-d) is determined, a segment number (SN) is generated. An analyzer unit (4) reconstructs the angle signal (9) on the basis of the segment number (SN) and the sensor signal (7).

10 Figure 6